- 90 ATGCCTGGGAAGATGGTCGTGATCCTTGGAGCCTCAAATATACTTTTGGATAATGTTTGCA Z Ø U Ħ
- 120 GCTTCTCAAGCCATGAGCTACAACTTGCATTCCTACAAAGAAGCAGCAATTTTCAG Ø ល R O H ĮΞι <sub>O</sub> ᆸ H Z × Ø Ħ 61
- 180 TGTCAGAAGCTCCTGTGGCAATTGAATGGGAGGCTTGAATACTGCCTCAAGGACAGGATG 闰 H ĸ O. Ø 121
- 240 AACTTTGACATCCCTGAGGAGGACGCCGCA  $N \in D$  I  $P \in E$  I  $K \in Q$  L  $Q \in Q$   $F \in Q$   $K \in D$  A A 181
- 300 TTGACCATCTATGAGATGCTCCAGAACATCTTTGCTATTTTCAGACAAGATTCATCTAGC А [Ł Н d ſΣι Н Z Ø Ä Z M 241
- 360 ACTGGCTGGAATGAGACTATTGTTGAGAACCTCCTGGCTAATGTCTATCATCAGATAAAC T G W N E T I V E N L L A N V Y H O T N 口 > đ П Ц 团 回 Z 3 301
- 420 CATCTGAAGACAGTCCTGGAAGAAAACTGGAGAAAGAAGAAGATTTCACCAGGGGAAAACTC ø H ſĿι Ä 阳 K 团 H K 闰 凶 H > K 361
- ATGAGCAGTCTGCACCTGAAAGATATTATGGGAGGATTCTGCATTACCTGAAGGCCAAG 480 M S S L H L K R Y Y G R T L H Y L K A K O. ρí Ø 421

# FIG. 1 A

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540 GAGTACAGTCACTGTGCCTGGACCATAGTCAGAGTGGAAATCCTAAGGAACTTTTACTTC 481

600 ATTAACAGACTTACATGTTACCTCCGAAACGTCGACAAAACTCACACATGCCCACCGTGC U 耳 E × A > Z 吖 **山**. H O 541

099 601

ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA Þ A > Þ U H 闰 H 民 661

780 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA Z 二 G Ω Z 闰 721

AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG ы > Ŋ Þ 吖 **>**4 E ß Z Q 囟 闰 民

900 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCCAAGGTCTCCAACAAAGCCCTCCCA Ø 闰 ĸ O 841

960 GCCCCCATCGAGAAACCATCTCCAAAGCCAAAGGGGAGCCCCGAGAACCACAGGTGTAC 耸. O. ø 106

### -1G. 1 B

1200

H 臼 1080 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGAGCAATGGGCAGCCGGAGAAC z Z Ø . 凶 团 A ഗ μ U 1021

1081 AACTACAAGACCACGCCTCCCGTGTTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG ы ĮΉ [Z4 ഗ O A S H

CTCACCGTGGACAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT  $\mathbf L$   $\mathbf T$   $\mathbf V$   $\mathbf D$   $\mathbf K$   $\mathbf S$   $\mathbf R$   $\mathbf W$   $\mathbf Q$   $\mathbf Q$   $\mathbf G$   $\mathbf N$   $\mathbf V$   $\mathbf F$   $\mathbf S$   $\mathbf C$   $\mathbf S$   $\mathbf V$   $\mathbf M$   $\mathbf H$ 

1257 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCCGGGAAATGA ഗ Ы Ś ы S × ø E-ı × I Z 耳 1201

FG. 10

1141

4/13

frame IFNB G162C-Ig fusion G4S linker construct open reading

- 60 ATGCCTGGGAAGATGGTCGTGAAGCCTCAAATATACTTTGGATAATGTTTGCA M P G K M V V I L G A S N I L W I M F A
- 120 GCTTCTCAAGCCATGAGCTACAACTTGCATTCCTACAAAGAAGCAGCAATTTTCAG z S Ø œ Ø L ΓĿι ෆ įΑ Z Ø × O 61
- 180 TGTCAGAAGCTCCTGTGGCAATTGAATGGGAGGCTTGAATACTGCCTCAAGGACAGGATG 臼 H ტ Z H . O 121
- 240 AACTTTGACATCCCTGAGGAGATTAAGCAGCTGCAGCAGTTCCAGAAGGAGGACGCCGCA N F D I P E E I K Q L Q Q F Q K E D A A Ø Ø 181
- 300 TTGACCATCTATGAGATGCTCCAGAACATCTTTGCTATTTTCAGACAAGATTCATCTAGC 241
- 360 ACTGGCTGGAATGAGACTTGAGAACCTCCTGGCTAATGTCTATCATCAGATAAAC T G W N E T I V E N L L A N V Y H Q I N 301
- CATCTGAAGACAGTCCTGGAAGAAAACTGGAGAAAAGAAGAAGATTTCACCAGGGGAAAACTC (Z (c) M 回 361

FIG. ZA

480 ATGAGCAGTCTGCACCTGAAAAAATATTATGGGAGGATTCTGCATTACCTGAAGGCCAAG Ħ 江 421

540 GAGTACAGTCACTGTGCCTGGACCATAGTCAGAAATCCTAAGGAACTTTTACTTC E Y S H C A W T I V R V E I L R N F Y F 吆 团 æ Н E ď U 481

600 ATTAACAGACTTACATGTTACCTCCGAAACGGCGGTGGTGGCAGCGTCGACAAACTCAC H A Ø Ö ø Q Q Z ø Н U EH Z 541

999 ACATGCCCACCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCC T C P P C P A P E L L G G P S V F L F P 601

720 CCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTG > > ပ > 田 Д H 叫 Ø Н Z Z Ė٠ ρ 区 ρ, K 661

780 GACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTG  ${\tt D}$   ${\tt V}$   ${\tt S}$   ${\tt H}$   ${\tt E}$   ${\tt D}$   ${\tt P}$   ${\tt E}$   ${\tt V}$   ${\tt K}$   ${\tt F}$   ${\tt N}$   ${\tt W}$   ${\tt Y}$   ${\tt V}$   ${\tt D}$   ${\tt G}$   ${\tt V}$   ${\tt E}$   ${\tt V}$ 3 721

840 CATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGAGC S ø E ഗ Z Ø Œ. 田 ĸ Д × Ę . 14 d Z

900 GTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCC O × O Z H 3 A Ø > 841

960 AACAAAGCCCTCCCAGCCCCCATCGAGAAACCATCTCCAAAGCCAAAGGCAGCCCCGA U S н. H 闰 Н 901

FIG. 2B

020	
CCCGGGATGAGCTGACCAAGAACCAGGTCAGC 11020	
CAG	လ
GGT	>
SC A	Q
GAA	z
CAA	X
GAC	<b>E</b> 4
CCT	ы
TGA	冏
GGA	A.
SCG	æ
ATC	S
S	Д
ggg	ρι
CCTGCCCCC	H
AC	E
GTGTAC	Þ
SGT	>
ACA(	Ø
GAACCA(	ር
GAZ	臼
19	
D	

1080 CTGACCTGCCTGGTCAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGAAT S 臼 ល 1021

1140 GGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGTTGGACTCCGACGGCTCCTTC ι . Ευ U Ω S Ω H > ф H E: Z Z 臼 Ø 1081

TTCCTCTACAGCAAGCTGGACAAGAGCAGGAGGAACGTCTTCTCAF1141

1260 TGCTCCGTGATGCATGAGGCTCTGCACAACAACACGCAGAAGAGCCTCTCCCTGTCT C S V M H E A L H N H Y T O K S L S L S H × Ö 耳 1201

1261 CCCGGGAAATGA 1272

T C C K \*

FIG. 2 C

FIG. 3

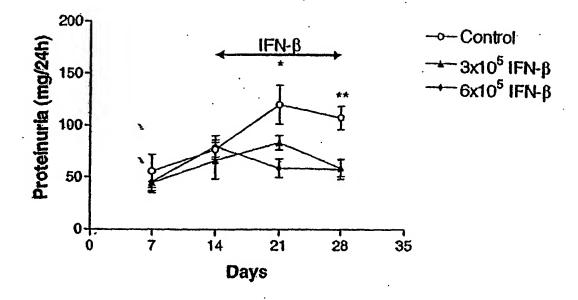


FIG. 4

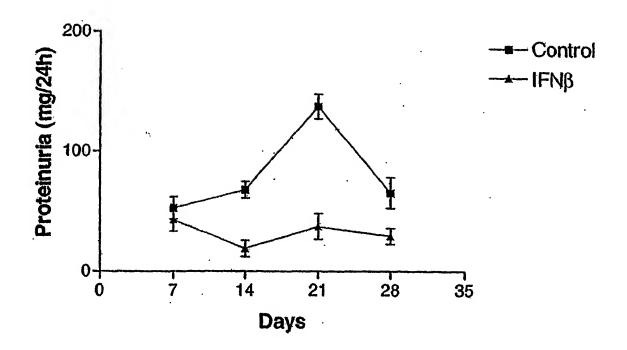


FIG. 5

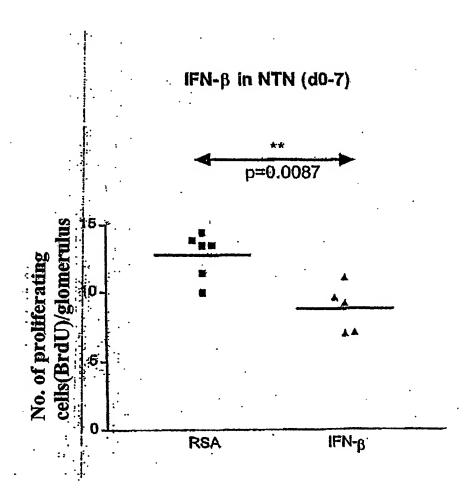


FIG. 6

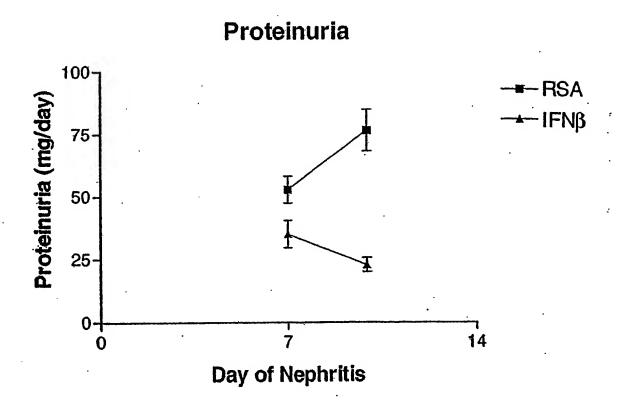


FIG. 7

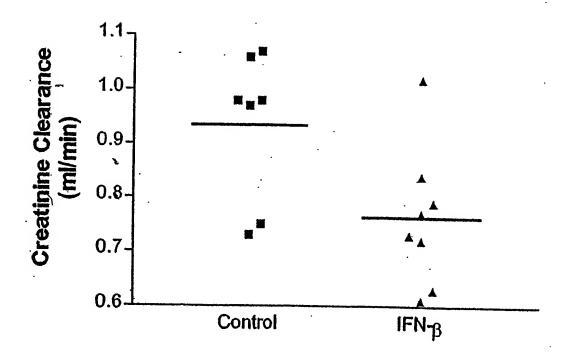
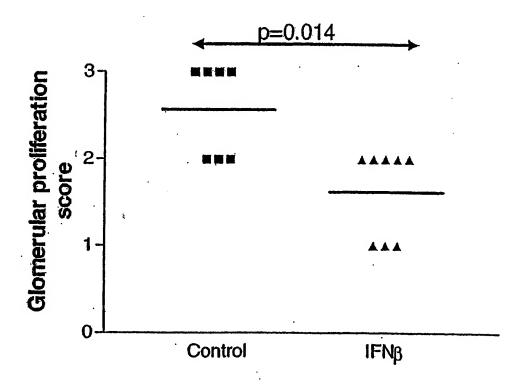
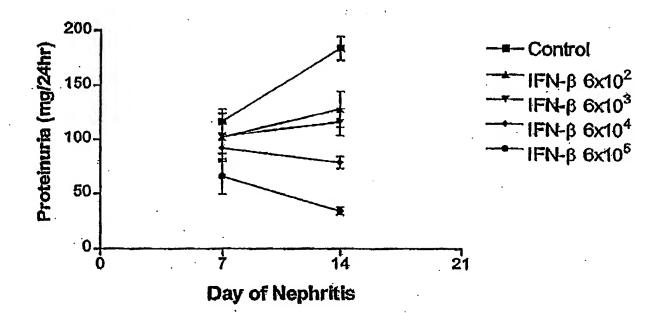


FIG. 8



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FIG. 9



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